

High Gradient Stream Data Sheet Scoring
Rapid Bioassessment Protocol
3/6/2009
KY 15 - Breathitt County

Condition Category	Intermittent 190' Right	Intermittent 160' Left	Reach 2	Reach 3B	Reach 3C	Reach 3 D	Eph #2 (Fill Site)
1. Epifaunal Substrate	8	11	7	10	11	12	16
2. Embeddedness	10	10	5	8	4	10	6
3. Velocity/Depth Regime	10	8	5	7	10	7	8
4. Sediment Deposition	14	16	10	11	9	12	5
5. Channel Flow Status	16	16	18	10	17	9	0
6. Channel Alteration	16	17	11	17	15	18	16
7. Frequency of Riffles	17	17	5	12	12	15	16
8. Bank Stability (Left)	4	9	5	7	8	6	8
8. Bank Stability (Right)	4	9	7	7	9	6	8
9. Vegetative Protection (Left)	3	9	2	8	8	7	7
9. Vegetative Protection (Right)	3	9	8	8	8	7	7
10. Riparian Vegetative Zone Width (Left)	10	10	2	9	4	9	10
10. Riparian Vegetative Zone Width (Right)	10	10	8	9	8	9	10
	Total for Reach: 125 Conductivity = 96 EII = 0.68 ILF = \$38,304.00	Total for Reach: 151 Conductivity = 96 EII = 0.84 ILF = \$35,328.00	Total for Reach: ILF = \$67,596	Total for Reach: 123 ILF = \$117,534.60	Total for Reach: 123 ILF = \$266,389.20	Total for Reach: 127 ILF = \$187,185.60	Total for Reach: 117 ILF = \$0.00

Condition Category	Reach 7A	Reach 7B	Reach 7C	Reach 8A	Reach 8B	Reach 8C	Reach 8D
1. Epifaunal Substrate	11	14	8	6	11	14	17
2. Embeddedness	8	13	9	7	15	16	11
3. Velocity/Depth Regime	11	8	14	10	9	15	10
4. Sediment Deposition	10	15	15	13	12	11	6
5. Channel Flow Status	15	18	18	16	16	16	1
6. Channel Alteration	10	9	10	9	17	15	15
7. Frequency of Riffles	16	16	8	13	12	16	16
8. Bank Stability (Left)	8	6	9	5	4	4	7
8. Bank Stability (Right)	8	6	6	4	4	4	7
9. Vegetative Protection (Left)	8	8	9	6	6	6	8
9. Vegetative Protection (Right)	8	8	4	6	6	6	8
10. Riparian Vegetative Zone Width (Left)	9	5	9	9	10	10	10
10. Riparian Vegetative Zone Width (Right)	5	4	1	1	10	10	10
	Total for Reach: 127 Conductivity = 195 EII = 0.62 ILF = \$139,093.20	Total for Reach: 130 Conductivity = 195 EII = 0.64 ILF = \$196,603.20	Total for Reach: 120 Conductivity = 191 EII = 0.59 ILF = \$217,512.00	Total for Reach: 105 Conductivity = 120 EII = 0.58 ILF = \$358,912.80	Total for Reach: 132 ILF = \$550,962.00	Total for Reach: 143 Conductivity = 105 EII = 0.78 ILF = \$341,546.40	Total for Reach: 126 ILF = \$284,256.00